



Weather Briefing

April 19, 2013



National Weather Service
Detroit/Pontiac, MI

<http://www.weather.gov/dtx>

Email: w-dtx.webmaster@noaa.gov



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Decision Support Briefing Highlights



Summary

- Continued flooding in and around the tri cities and northern thumb region.
- Moderate flooding expected along the Tittabawasse River in Midland and along the Saginaw River from Saginaw to Bay City
- Numerous roads are closed due to flooding.
- A wind advisory is in effect today for all of Southeast Michigan.



Decision Support Briefing Highlights



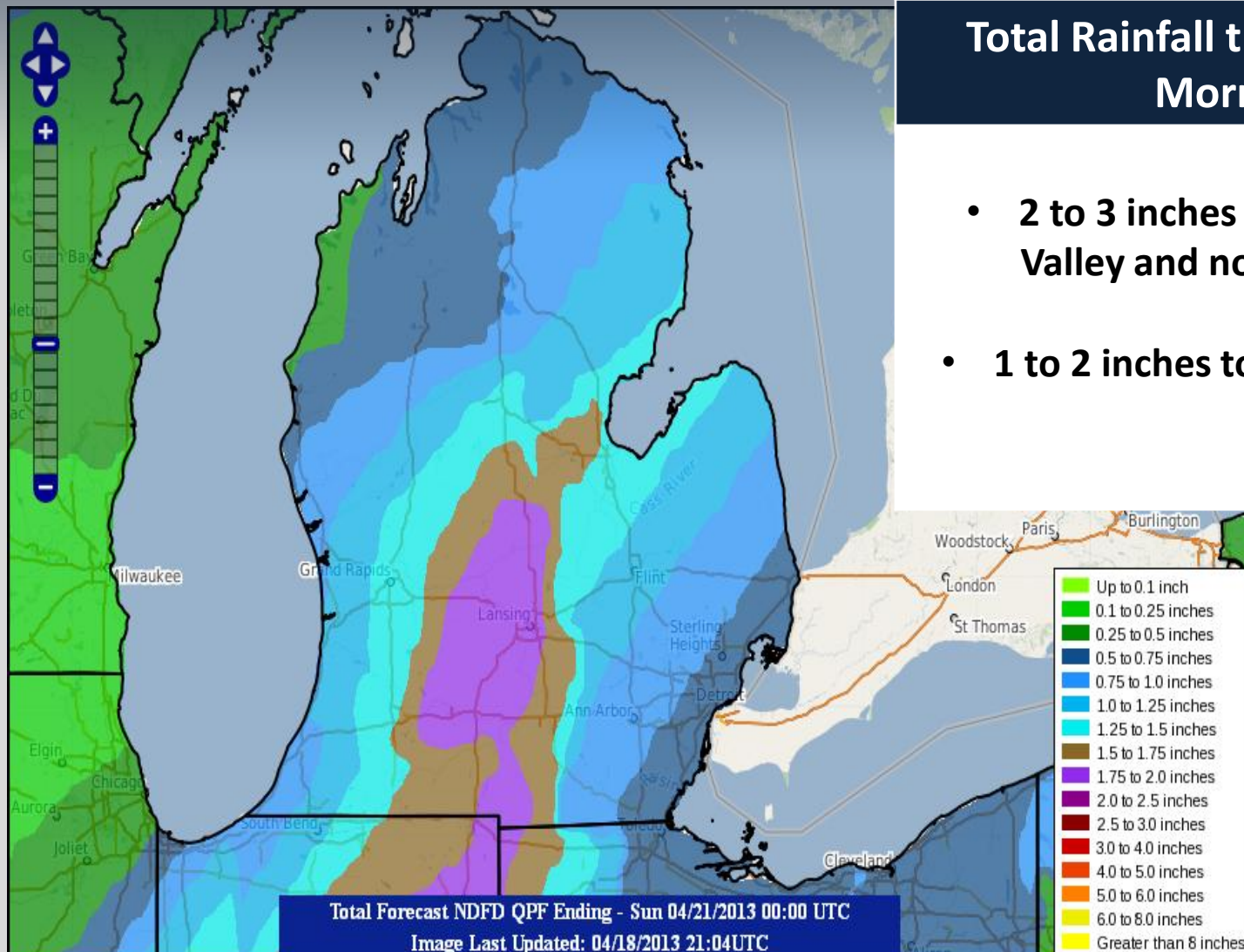
Flood Potential Summary

Rain ending this morning.

**River Flooding persisting for
several more days in the Tri
Cities Region.**



Storm Total Rainfall



Total Rainfall through Friday Morning

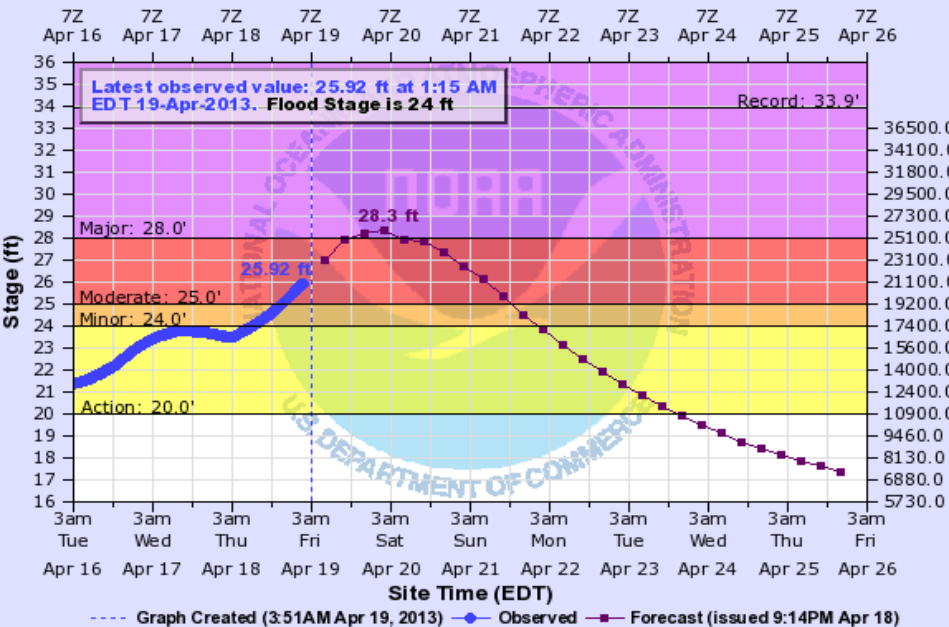
- 2 to 3 inches across Saginaw Valley and northern Thumb.
- 1 to 2 inches to south and east.



River Response

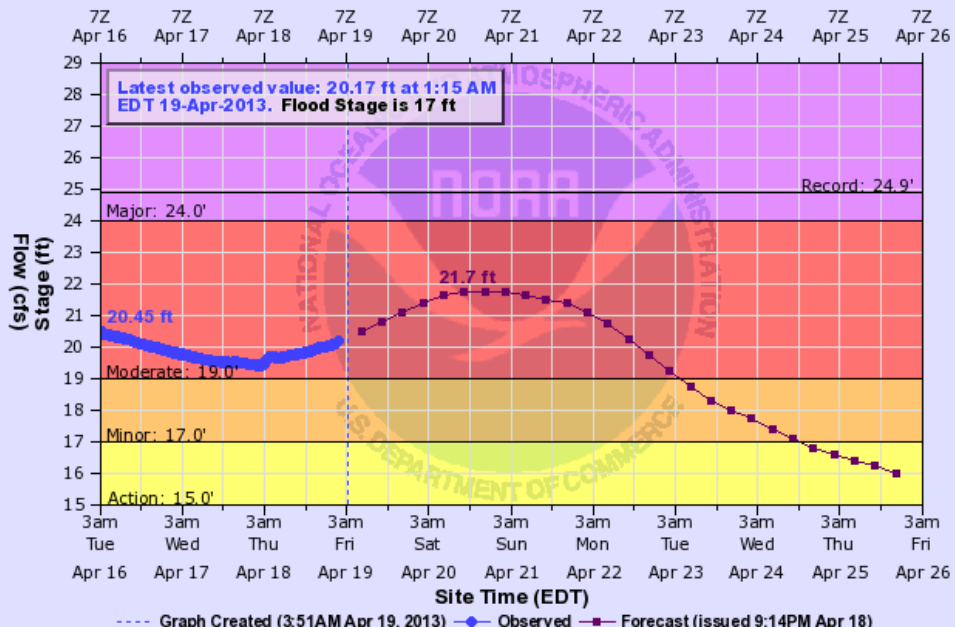
TITTABAWASSEE RIVER AT MIDLAND

Universal Time (UTC)



SAGINAW RIVER AT SAGINAW

Universal Time (UTC)



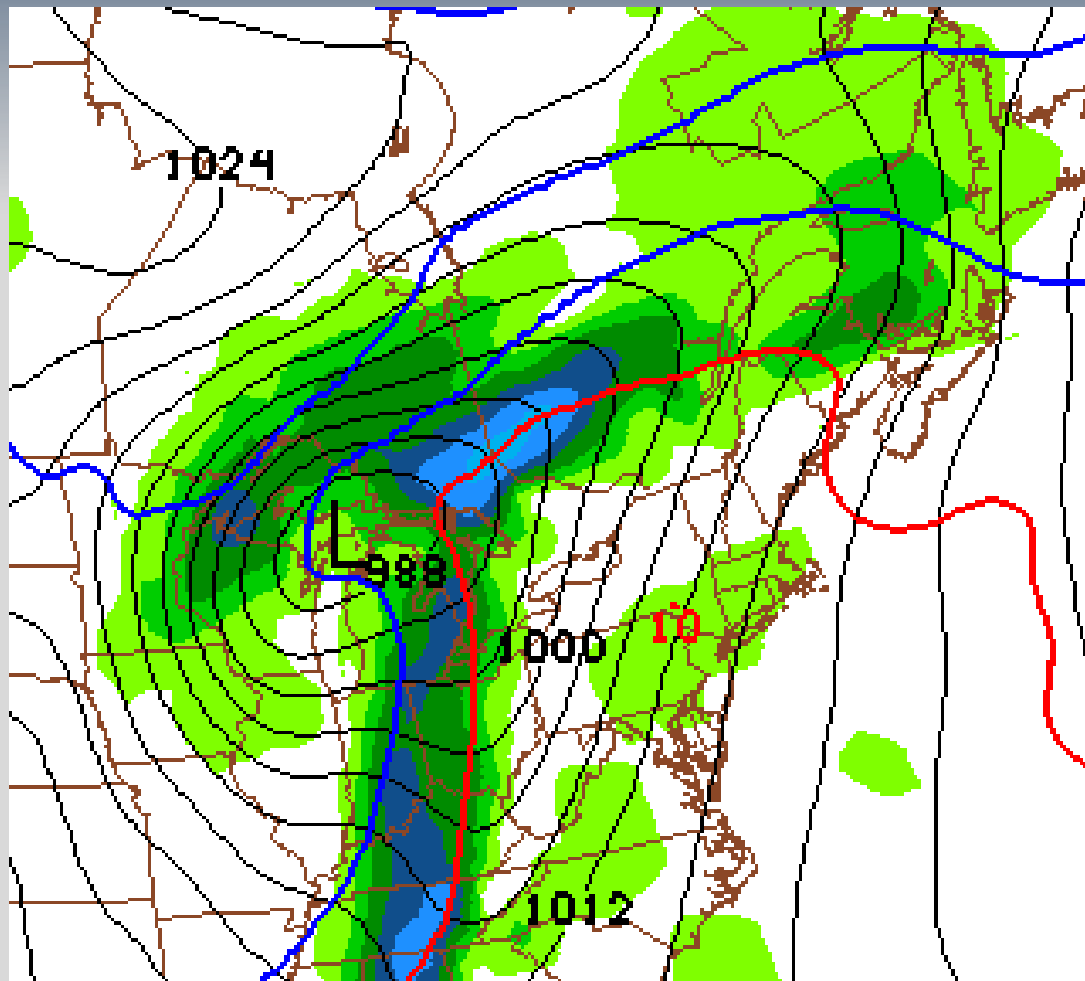
Tittabawassee River at Midland

Saginaw River at Saginaw

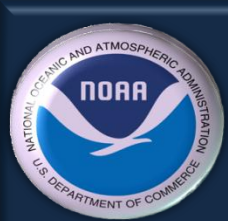
- Tittabawassee hits major flood stage tonight.
- Saginaw stays above flood stage through Wednesday night.



High Wind Potential Today



Westerly wind gusts of 45 mph expected after the cold front moves through the region early this morning.



Potential Impacts from Wind

Today's Wind

- Potential for gusts of 45 to 50 MPH, most likely between 10 AM and 7 PM. Wet ground will not be able to support trees as well in the wind
- Expect some downed trees and associated power outages
- The strongest wind gusts are expected north of the Interstate 69 corridor.

Power Outage Potential

High

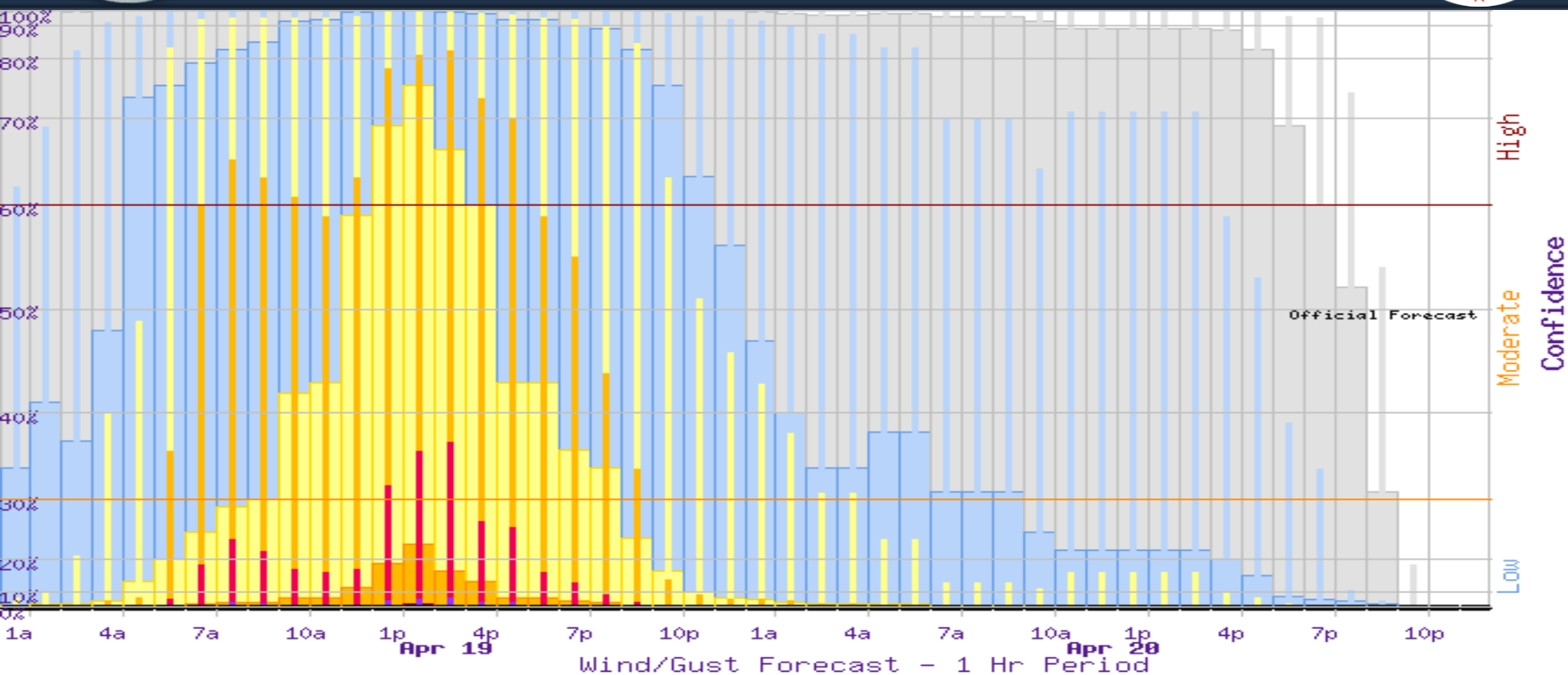
Medium



Low

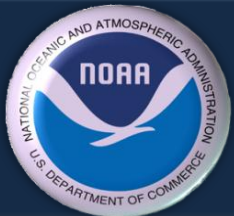


Wind Probabilities

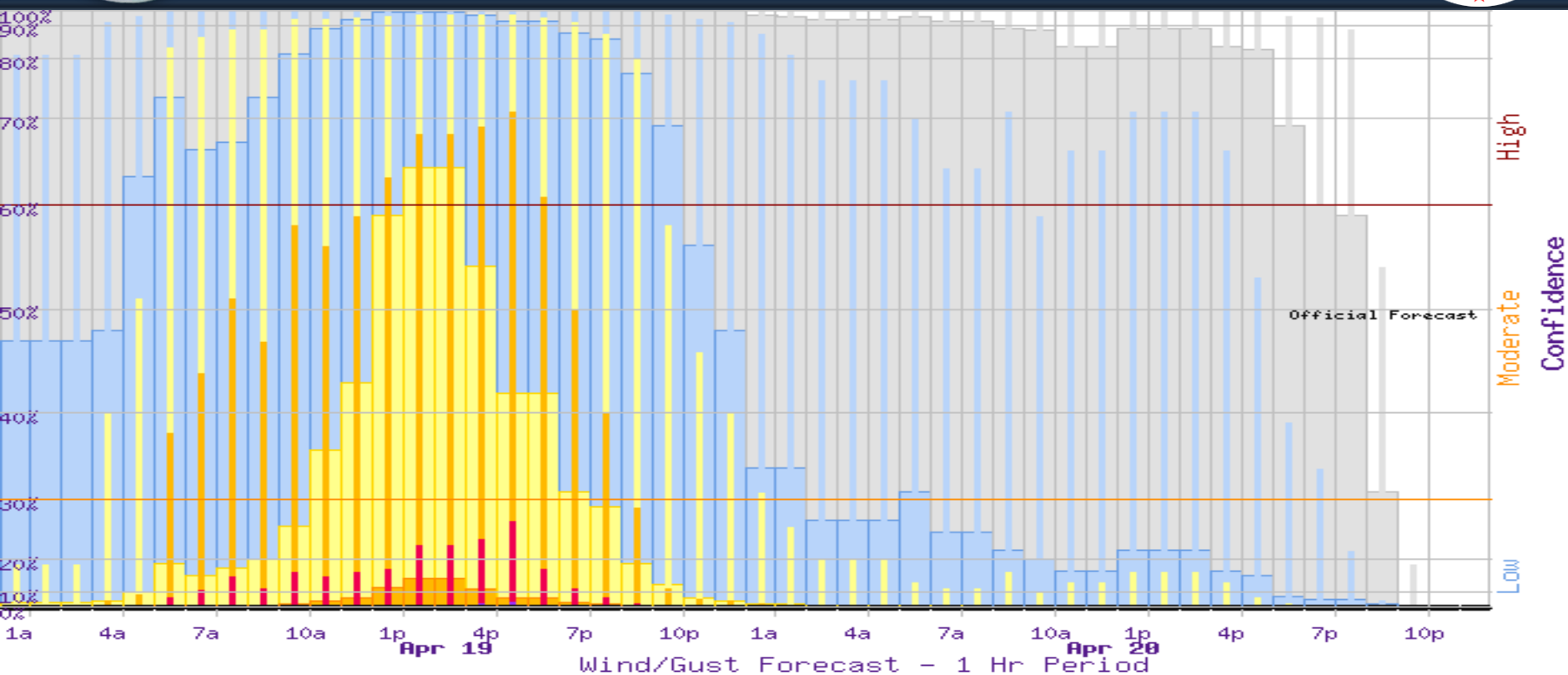


SAGINAW COUNTY

- Probability for Sustained / Peak Wind Achieving 10 mph
- Probability for Sustained / Peak Wind Achieving 20 mph
- Probability for Sustained / Peak Wind Achieving 30 mph
- Probability for Sustained / Peak Wind Achieving 40 mph
- Probability for Sustained / Peak Wind Achieving 50 mph
- Probability for Sustained / Peak Wind Achieving 60 mph
- Probability for Sustained / Peak Wind Achieving 70 mph



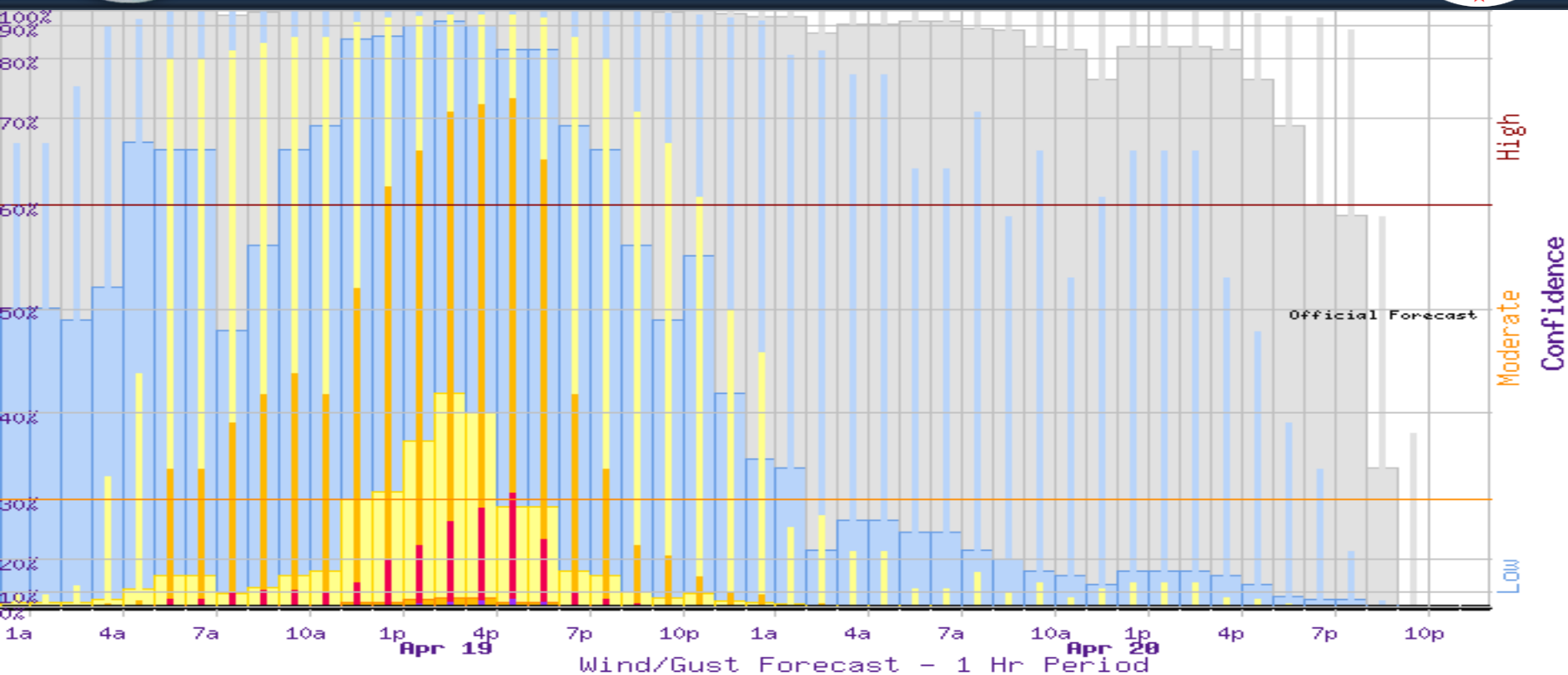
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Wind Probabilities





Additional Information



Local Hazards Page

<http://www.weather.gov/detroit/svr.php>

Rainfall Probabilities

<http://www.crh.noaa.gov/dtx/ProbQPF.php>

Wind Probabilities

<http://www.crh.noaa.gov/dtx/?n=pwind>

Impact Based Warnings Experiment

http://www.crh.noaa.gov/crh/?n=2013_ibw_info



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